IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Group Art Unit 1797

In re

Patent Application of

Anthony Victor Bridgwater

Application No.: 10/501,025

Confirmation No.: 3623

Filed: April 8, 2005

Examiner: Natasha E. Young

"ABLATIVE THERMOLYSIS REACTOR"

Electronically filed by:

Sally Sorensen

April 22, 2009

Date of Filing

RESPONSE TO OFFICE ACTION

Mail Stop Amendment VIA ELECTRONIC FILING P.O. Box 1450 Alexandria, VA 22313-1450

Madam:

Response is made to the non-final Office Action, mailed January 22, 2009. Please charge any additional fees or credit any overpayment to Deposit Account No. 50-0842.

Listing of the claims begins on page 2.

Remarks begin on page 4.